

**Fig. 1A**

SUS1 SEQ ID NO: 2	<u>ENGILRKWI</u> SRFDVW	native
SUS2 SEQ ID NO: 3	<u>ENGIVRKWI</u> SRFEVW	native
SS2 SEQ ID NO: 10	<u>GIVRKWI</u> SRFEVWPYLLKK	active
SS11 SEQ ID NO: 11	IILRVPFRTENGIV <u>RK</u> (NH <sub>2</sub> )	inactive
SS12 SEQ ID NO: 12	<u>GIVRKWI</u> SRFEVWPYL (NH <sub>2</sub> )	active
SS15 SEQ ID NO: 13	<u>GIVRK</u> <b>A</b> ISRFEV <b>A</b> PYL (NH <sub>2</sub> )	less active
SS16 SEQ ID NO: 14	SRFEVWPYL (NH <sub>2</sub> )	less active
SP3 SEQ ID NO: 18	<b>RRISSVE</b> DKK (NH <sub>2</sub> )	inactive
NR11 SEQ ID NO: 15	GPTLKRTASTAFMNNTTSKK	inactive
SP26 SEQ ID NO: 16	GRMRRIATVEMMKK	inactive
SS1 SEQ ID NO: 9	GDRVLSRLHSVVRERIGK	inactive
ACTIN SEQ ID NO: 19	<u>EHGIVTNWDDMEKIWHHTFY</u>	consensus

Double basic cluster: black box; e.g. **KK**

Possible region of specificity: underlined or boxed

Substitutions: bold